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於 城崎国際アートセンター
(2016 年 10 月 17 日 ~ 10 月 21 日)

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Kinosaki algebraic geometry symposium 2016

Date : Oct. 17, 2016 (Mon) — Oct. 21, 2016 (Fri)
 Venue : Kinosaki International Arts Center
 : (Yushima 1062, Kinosaki, Toyo-oka, Hyogo 669-6101)
 Phone : +81-796-32-3888 (Tsutaya-Seirantei : +81-796-32-2511)

Program

Oct. 18 (Tue)

- 9:30 ~ 10:30 Taro Fujisawa (Tokyo Denki University)
Mixed Hodge structures on semistable log smooth degenerations
- 10:45 ~ 11:45 Tatsuki Hayama (Senshu University)
Pseudoconcave Mumford-Tate domains
- 13:30 ~ 14:30 Takahiro Saito (Tsukuba University)
On the monodromies and the limit mixed Hodge structures
of families of algebraic varieties
- 14:45 ~ 15:45 Takahiro Shibata (Kyoto University)
On generic vanishing for pluricanonical bundles
- 16:00 ~ 17:00 Takuzo Okada (Saga University)
Stable rationality of orbifold Fano 3-fold hypersurfaces

Oct. 19 (Wed)

- 9:30 ~ 10:30 Sho Ejiri (the University of Tokyo)
On weak positivity theorem and Iitaka's conjecture
in positive characteristic
- 10:30 ~ 11:30 Poster session
- 11:30 ~ 12:30 Makoto Enokizono (Osaka University)
Upper bounds on the slope of certain fibered surfaces
- 14:15 ~ 17:00 Free discussion

Oct. 20 (Thu)

- 9:30 ~ 10:30 Kentaro Hori (Kavli IMPU)
Grade Restriction Rule and Equivalences of Categories
- 10:45 ~ 11:45 Yuki Hirano (Tokyo Metropolitan University)
Derived Knörrer periodicity and Orlov's theorem for
gauged Landau-Ginzburg models
- 13:30 ~ 14:30 Will Donovan (Kavli IPMU)
Applications of noncommutative deformations
- 14:45 ~ 15:45 Tatsuki Kuwagaki (the University of Tokyo)
On the coherent-constructible correspondence
- 16:00 ~ 17:00 Katsutoshi Yamanoi (Osaka University)
Complex hyperbolicity problems related to abelian varieties

Oct. 21 (Fri)

- 9:00 ~ 10:00 Uwe Jannsen (Universität Regensburg/the University of Tokyo)
Filtered de Rham Witt complexes and
wildly ramified higher class field theory over finite fields
(joint work with Shuji Saito and Yigeng Zhao)
- 10:15 ~ 11:15 Kazuhiko Yamaki (Kyoto University)
Effective faithful tropicalizations associated to
linear systems on curves

The nearest station is Kinosaki-Onsen of JR San-in Main Line. On the first day (Oct. 17(Mon)), the dinner starts at 18:30.

We are looking forward to seeing you in Kinosaki.

Kinosaki algebraic geometry symposium 2016 is partially supported by Grant-in-Aid for Scientific Research (S) 25220701, (S) 15H05738, (S) 24224001, and (S) 16H06337. We are grateful to the support.

Organizers: O. Fujino (Osaka), M. Kobayashi (Tokyo Metropolitan), S. Okawa (Osaka)